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U.S. Department of Agriculture. Bureau of Plant Industry. Fruit & Vegetable Crops & Diseases. Washington, D.C.

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June 15, 1946.

HARROLD'S PANSY GARDENS & GREENHOUSES.

Vol. 5, No. 2.

P. O. BOX 29 — GRANTS PASS, OREGON.

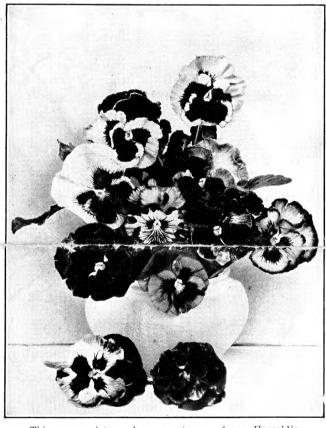
AT YOUR SERVICE FOR FORTY-FOUR YEARS

With this first effering of seeds from the 1946 crop harvest we enter our forty-fourth year serving the critical professional florist and nursery trade wich seeds, builds and plants that are grown expressly for the professional trade. The fact that we are serving over 6,000 tradesmen and the number is constantly growing speaks much for the success we have had in satisfying this critical market. Our future efforts shall be to continue and improve this service and to supply Harrold's Pedigreed Strains of stock at prices that are attractive with the best possible service under all conditions. Now that the war is over we shall be able to serve you better by additions to our staff as well as by expanding the selection of stock that can be supplied. This season, however, is likely to find these improvements in both directions limited more than at first expected because of continued unsettled conditions of labor and supply channels. We're doing everything possible toward these improvements but PLEASE give us a bit of co-operation by allowing a reasonable time for shipment during seasonal peak rush periods.

The supply of paper is less than at any time during the war and so because of this—and because these smaller seasonal catalogues have proven valuable by keeping

The supply of paper is less than at any time during the war and so because of this — and because these smaller seasonal catalogues have proven valuable by keeping you better informed — we shall continue the policy of the past five years of issueing smaller catalogues more frequently. This enables us to place before you an up to date list of our line of stock when it is most seasonable and of the most interest It should be remembered, however, that a great many of these items, especially seeds, remain usable throughout a large part of the year. Because of this we hope that you will file each issue so that it may be easily consulted at any time you are in need of stock in our line. We hope to eventually make this a semi-monthly issue and possibly monthly as soon as conditions will permit. Lost copies gladly replaced.

Prices quoted herein we hope to maintain throughout the entire crop season or if possible to reduce them. However, with the unsettled outlook for the next few months we must of necessity make all quotations subject to change without notice in the event of drastic changes in our cost basis for any cause. Seeds especially have not advanced in proportion to other commodity prices while plants and bulbs have more directly reflected the sharp advance in labor costs. It shall be our endeavor to supply you with the very best at prices that are reasonable in relation to general conditions. Quality, however, shall always continue to be TOPS.



This group picture shows specimens of our Harrold's Pedigreed Strain Pansies. They are outstanding for their size and colorful markings. Bowl in this picture is eight inches in diameter. Compare flower size.

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FREE AIR MAIL SERVICE - SEEDS ONLY

Orders arriving by Air Mail accompanied by full remittance and amounting to \$10.00 or more in seeds listing at \$5.00 or more per ounce will be returned to you by Air Mail without ANY EXTRA CHARGE. For this service order MUST arrive by Air Mail and fulfill the minimum as to price of seeds and amount of order. In the event you want this service on cheaper seeds or smaller orders remit 12 cents per ounce or fraction net in seeds ordered. This offer does not apply on short distance or where shipment would arrive as quickly by regular mail; as for example where in transit over the week end with no gain in delivery time.

Harrold's Pedigreed Strain Pansy Security

Pansies have always been a major specialty with us and our breeder and grower, C. W. HARROLD, is probably the oldest living Pansy specialist both in years of experience and age. He is actively in charge of this work at 74 as he has been for over forty years and to his efforts may be credited several firsts in this field. Through his efforts our gardens have introduced more new and improved varieties and strains than any other single breeder during the past twenty-five verse Many of these are of special ourpose type which have been entirely exclusive with us. Our work has been entirely based on quality and price has been secondary in so far as any limitation of quality is concerned. Evaluation made on a basis of quality will show our prices to be economical as is proven by the constantly wider use of our seeds from year to year. We make no effort at competition on a strictly price basis and if you evaluate your purchases on that basis you will not find our stock in that class. Quality considered you should find it worthy of careful consideration.

VARIETY DESCRIPTIONS OF

Harrold - Originations

Following is a brief description of the PANSY varieties that have been originated and introduced by us during the past twenty-five years. Each variety is outstanding in its particular type and we do not believe that any superior variety is to be obtained in the market today. In breeding and developing this group of varieties it has always been our goal to see that they ARE NOT excelled.

OUTSTANDING MIXTURES

HARROLD'S PEDIGREED GIANT ART-SHADES — A much improved strain of the variety Harrold's Pedigreed Giants. Better color range, flower size and plant habit. The finest "Exhibition" type with lively colors, small center blotch and usually two zones of contrasting color. Also many self colors and penciled markings. Our largest flowering sort, having produced 5 inch blooms.

HARROLD'S PEDIGREED SWISS GIANTS — Our latest and the finest "Fancy" type Pansy. The ultimate in flower size and color range in this type. Plants are compact and sturdy. Nearly all flowers have the large blotched center that is so characteristic of the Fancy type of Pansy. Heavy substance and velvety texture.

DESCRIPTION OF HARROLD'S PEDIGREED PANSIES continued next page.

HARROLD'S PEDIGREED PANSIES CONTINUED

- HARROLD'S PEDIGREED GIANTS This outstanding "Exhibition" type was introduced by us in 1929 and has maintained its popularity through the years. Flowers are very large on compact, robust plants that produce a most varied range of bright colors. The flower markings are typically "Exhibition" type. A real bread and butter sort for the commercial Pansy grower.
- HARROLD'S ALL-AMERICAN BEDDING MIXTURE This is a blended mixture of which 80% is from ALL the Harrold variety originations and the balance of 20% is from the many other varieties which we grow or receive from other sources. This is a very useful, general purpose mixture and it is an outstanding value in the medium price range. Giant flowers and a very wide color range.
- HARROLD'S IMPROVED SWISS Where a fancy "Swiss" type is needed at a price this one is to be highly recommended. Not as good as our Harrold's Pedigreed Swiss Giants, of course, but it is not excelled by strains of this type offered as Super-Swiss. It is unusually suited in color, size and habit to the demands of the American market.

NOVELTIES

- HARROLD'S PEDIGREED NOVELTIES -- These are a blend of new types and colors from our breeding department. Recommended where the unusual is wanted.
- HARROLD'S SUNSET GIANTS (NOVELTY) Sunset shades of orange, red and gold. Giant size in blotched and ray markings. Highly recommended.
- HARROLD'S PEDIGREED POT PANSIES A short, compact growing type adapted to pot and porchbox growing. Flowers very large and colors excellent.
- HARROLD'S PEDIGREED CUT-FLOWER PANSIES -- We have two distinct types of these and depending on the requirements of your culture and market either selection has a definite value and use.
 - ORIGINAL STRAIN: This was our first type offered nearly twenty years ago Growth is rather low but under glass the flowers are large and on stems 8 to 10 inches long. Color range is more varied and they are completely as hardy as any bedding variety. May be grown out of doors.
- TALL SELECTION: These grow very tall for Pansies; up to $4\frac{1}{2}$ feet and stems are usually 10 to 16 inches long and quite stiff when greenhouse grown. Color range is the best we know of in any of the really tall strains and flower size is quite good with proper culture. Plants of these will freeze at below 25 plus.

FORMAL COLORS

HARROLD'S AZURE GIANTS - THE FINEST intensely blue Pansy.

HARROLD'S GOLDEN GIANTS - Deep golden yellow with velvety blotch.

HARROLD'S RUBY GIANTS - Shades of red in the finest range. Very fine.

PANSY CULTURE

- AMOUNT OF SEED NEEDED: -- Pansy seeds average from 21,000 to 26,000 seeds per ounce. Germination tests will run from the middle seventies to the high nineties but due to unavoidable losses in the normal process of cultural germination you should plant an ounce of seeds for each 7,000 to 10,000 plants wanted. Quite frequently we have reports of 15,000 or more produced from an ounce of our seeds but it is not safe to count on so high a production.
- GERMINATION PERIOD:— In July and August, conditions being reasonably good, germination will occur in 7 to 10 days. As weather becomes cooler the period will lengthen by 4 to 6 days. In the hot months percentage of plants produced by the same seeds will be less than during the cooler weather of the late weeks of the planting season and more attention will have to be exercised in the care given, especially in the matter of moisture. COMPLETE failure is easily possible with the best of seeds if they are allowed to become too dry between the time of planting and until germination has been completed.
- TIME OF PLANTING:— For commercial plantings the grower usually starts in June with the Cut Flower and Pot varieties or for fall and winter blooming stock used in the milder sections of the country. Generally the heaviest plantings are made in July and August. Where weather stays moderate plantings may be made out doors as late as October 20th. with good results. Greenhouse plantings may be made in December, January and up to February 20th. to obtain fine young stock for April, May and June setting.
- PLANTING:— Seed bed should be well prepared to a depth of 8 or 10 inches. See that bed is well watered before planting by watering for several days prior to sowing the seeds so as to store up as much moisture as possible in the soil. Seeds may be planted broadcast or in drills. For reasons of cultivation and ease of controlling moisture we plant in drills at the bottom of a miniature V shaped trench about an inch deep and 2 inches across the top. Planting in drills aids in cultivation after plants are up and this way of planting forms moisture reservoirs between the rows aiding in obtaining good germination in hot weather. Rows may be from 3 to 5 inches apart. Cover seeds LIGHTLY with pure granulated peat moss, peat moss and sandy loam or screened sandy loam. NEVER cover more than ½ inch deep. DO NOT allow beds to become dry at any time during days of active germination. DO hold beds on the dry side after germination has taken place to avoid development of trouble with damping off. Beds will require protection from hot sun in the summer months until plants have their fourth leaves. Lath shading frames, burlap or similar material may be used. - Seed bed should be well prepared to a depth of 8 or 10 inches fourth leaves. Lath shading frames, burlap or similar material may be used.
- TRANSPLANTING: Pansies should be transplanted but once by the commercial EKANSPLANTING:—Pansies should be transplanted but once by the commercial grower. This means the plants are twice transplanted by the time the blooming bed is set and any more transplanting will reduce flower size and quality. You should NEVER transplant before the plant has at least six leaves; preferably 8 to 10. If plants are to be wintered in outdoor beds October and November transplanting is advised after the hot weather is passed and before severe freezing of the ground occurs. With light protection — evergreen boughs or shading frames; or such material as marsh hay or straw Pansies will winter in open beds at temperatures many degrees below zero. They will stand down to ten degrees above without any protection if transplanted fairly early ten degrees above without any protection if transplanted fairly early.
- SOIL:— Pansies may be successfully grown in ANY RICH garden soil that is WELL drained. They do best in a soil of good humus content and respond well to the liberal application of cow manure. A 4-12-4 commercial fertilizer will be satisfactory and blood meal or bone meal may be used properly with good results. An application of Ammonium Sulphate, one ounce per gallon of water will usually yield tonic effect in early spring but should not be applied too early or frost damage may result. Acidity should be pH 6½ or Sudbury B.

PANSY SEEDS 1946 CROP

No effort has been spared to make this Pansy seed the finest obtainable. Our growing climate is as near ideal as any in the world and our cultural methods the most advanced. In addition to this the curing of the seeds is done by a special EXCLUSIVE HARROLD PROCESS that develops the highest possible germination and superior keeping quality into the seeds after leaving the growing fields.

To further assure quality, down almost to the day of shipment, we carefully and frequently germination test the seeds before packeting which is done on the day shipment is made. Each packet bears a serial number so that it is possible to identify the seeds in every packet sent out. Our cleaning and grading mill of our own development takes out all but the plump, live seeds that will germinate well and produce robust plants if given good culture. A word here about germination—when a seedsman tells you "this seed will germinate 100%" he's guessing. We've tested thousands of lots of our own and from practically every other grower in the world and we have yet to find one that tested that high. If you did it would be purely accidental. Commercial seeds will range from 68 to 94 or 95%, seldom above that. We endeavor to keep our stock testing in the higher third of this range. above that. We endeavor to keep our stock testing in the higher third of this range.

Our greatest effort is to leave as little as possible to chance in so far as our part of the transaction is concerned and from the point of delivery we hope you will be as careful and successful. Considering the quality of the stock and care given to its growing and delivery to you we believe you will find its use economical and on the basis of results that our prices are reasonable.

HARROLD'S UNUSUAL NOVELTIES

VARIETY	94	PER 50	0 seeds	$(\frac{1}{16} - \Theta z.)$	
HARROLD'S NOVELTIES	PEDIGREED		\$2.00	\$5.00	
	SUNSET OVELTY intr of orangé, go	oduction.	2.00	5.00	
HARROLD'S PANSIES.	PEDIGREED		1.50	4.00	
HARROLD'S I		CUT			
	Tall Selectio Strain.		$\frac{2.00}{1.50}$	$5.00 \\ 4.00$	

HARROLD'S SELECT FORMAL COLORS

VARIETY		PER 1,000	seeds	(½-oz.)	$\frac{1}{4}$ -oz.	$\frac{1}{2}$ -oz.	1-oz.	2-ozs.
HARROLD'S A	ZURE GIAN	TS	\$1.00	\$2.00	\$3.75	\$7.25	\$	\$
HARROLD'S G	OLDEN GIA	NTS	1.00	2.00	3.75	7.25		
HARROLD'S R	RUBY GIANT	'S	1.00	2.00	3.75	7.25		
HA	RROLD'S	UTSTAN	DING	GIA1	NT M	XTUR	ES	
VARIETY	:	PER 1,000	seeds	1/8-0Z.	½-0z.	$\frac{1}{2}$ -02.	1-oz.	2-ozs.
HARROLD'S P ART SHADE			1.00	2.50	4:75	9.25	18.00	32.00
HARROLD'S P		,	1.00	2,50	4.75	9,25	18.00	32.00
HARROLD'S P Very popular			1.00	2.00	3.75	7.25	14.00	26.00
HARROLD'S A BEDDING M			1.00	1.55	0.05	4.05	10.00	22.22
DEPDING M	ILAIURE,		1.00	1.75	3.25	0.25	12.00	20.00

To obtain the pound rate multiply the one ounce price by twelve. Four ounces of a variety will be supplied at the pound rate.

HARROLD'S IMPROVED SWISS.

1.00 1.75 3.00 5.75 11.00

STANDARD SEPARATE COLOR PANSY SEEDS

WILLIAM WILLIAM			1010 1	111101	STITI	7.0		
VARIETY	Per	1,000	seeds	$\frac{1}{8}$ -oz.	$\frac{1}{4}$ -oz.	$\frac{1}{2}$ -oz.	1-oz.	
CORONATION GOLD: Fine large p	ure ye	llow.	\$1.00	\$2.00	\$3.25	\$6.25	\$12.00	
DELFT BLUE: Porcelain blue			1.00	2.00	3.75	7.25	14.00	
SWISS ALPENGLOW: Dark red s	hades.		1.00	2.00	3.75	7.25	14.00	
SWISS BERNA: Violet blue			1.00	2.00	3.25	6.25	12.00	
SWISS FIREBEACON: Wallflower	red.		1.00	2.00	3.75	7.25	14.00	
SWISS LAKE OF THUN: Thuner	Sea	or	,					
Ulswater Blue. Very brilliant b	lue		1.00	2.00	3.25	6.25	12.00	
SWISS LUNA: Sulphur yellow s	elf		1.00	2.00	3.25	6.25	12.00	
SWISS RHEINGOLD: Deep yellow								
velvety center blotch of brown			1.00	2.00	3.25	6.25	12.00	
SWISS PURE WHITE: The best pu	re wh	ite						
and very popular. A bit ruffled.			1,00	2.00	3.25	6.25	12.00	
BABY DELIGHT: A very pleasing								
ture Pansy. Plants are not more	than 8	3''						
high and the flowers a little over	an in	ch						
across. The color light blue wit	h face	e	1.00	1.40	2.25	4.25	8.00	

GENERAL DOMESTIC LIST OF STANDARD PANSY VARIETIES

Mivturge

Because of limited quantities available no pound price can be quoted now

	11112	ruur	CD				
VARIETY	Per 1,000	seeds	$\frac{1}{8}$ -oz.	$\frac{1}{4}$ -oz.	$\frac{1}{2}$ -oz.	1-oz.	2-ozs.
EARLY PANSY	AMERICA: A fine						
florist strain.	Good size & color.	\$1.00	\$1.50	\$2.75	\$5,25	\$10.00	\$18.00
	S: A select Swiss						
strain. Grown f	rom imported seeds.	1.00	1.75	3.25	6.25	12.00	22.00
	LEAF GIANTS: A						
	Color range not too						
	vers a bit flat but						
very large		1.00	1.75	3.25	6.25	12.00	22.00

GENERAL LIST OF PANSY MIXTURES Continued on next page

GENERAL LIST OF	DANGV	MIVI	פידודים	Conti	nu ad	
OBNERNIE HIST OF	LUMBI	MILAI	ORES	Conti	nuea	
VARIETY Per 1,0	00 seeds	$\frac{1}{8}$ -oz.	$\frac{1}{4}$ -oz.	$\frac{1}{2}$ -0z.	1-oz.	2-ozs.
JUMBO MIXED: (Steele) Harrold						
grown - first generation re-selected						
from originator's stock. Flower						
texture improved, color expanded						
plus size graded seeds	1.00	1.75	3.25	6.25	12.00	22.00
OREGON GIANTS: Indefinite type						
being a mixture of both Fancy						
& Exhibition varieties. Good color						
and fair substance.	1.00	1.75	3.00	5.75	11.00	20.00
SUPER SWISS MIXED: A select 5						
blotched variety of Swiss	1.00	1.75	3.00	5.75	11.00	20.00
TRIMARDEAU GIANTS: An old	l					
time bedding favorite	.80	1.25	1.75	3.25	6.00	11.00

To obtain the pound rate multiply the ounce price by twelve Four ounces of a variety will be supplied at the pound rate

PANSY PLANTS FOR FALL

Because of the constantly increasing demand for our seeds and the limited amount of labor still in prospect for the 1946-47 growing season it looks now as amount of labor still in prospect for the 1946-47 growing season it looks now as though it will be impossible to expand our Pansy plant crop a great deal over the very limited supply of 1945-46. We doubt that many growers catering to the wholesale plant trade will approach pre-war production either and so for this reason we strongly advise the retailer, where at all possible, to plant seeds for at least a part of their Pansy plant requirements. We expect to have the labor to plant around 250,000; up about 100,000 from last year but still only about one fifth of pre-war plantings. There is also an advantage in eliminating long haul transportation, which in a few cases has proven difficult the past couple of years.

VIOLAS OF VALUE

GEM VARIETIES

VARIETY Per 1,	,000 seeds	$\frac{1}{8}$ -oz.	$\frac{1}{4}$ -0z.	$\frac{1}{2}$ -oz.	1-oz.
JERSEY GEM: Compact violet blue	\$1.00	\$2.50	\$4.50	\$	\$
YELLOW GEM: Pure golden yellow					
WHITE GEM: Fine large white.		2.50	4.50		
GEM VARIETIES MIXED:	1.00	2.50	4.50		

VIOLA CORNUTA and HYBRIDA

VARIETY	Per 1,000	seeds	1/8-0Z.	$\frac{1}{4}$ -0z.	$1/_{2}$ -oz.	1-oz.
ADMIRATION: Large dark blue.		\$.75	\$1.75	\$2.25	\$4.25	\$ 8.00
APRICOT: Apricot yellow tinged		1.00	1.75	3.00	5.75	11.00
ARKWRIGHT RUBY: Ruby red.		1.00	1.75	3.25	6.25	12.00
BLUE BEAUTY: Early bright bl		1,00	2.00	3,75	7.25	14.00
BLUE ELF: Top deep violet sha						
towards bottom. Yellow eye		1,00	1.50	2.75	5.25	10.00
BLUE PERFECTION: Large pur	ple blue	.75	1.75	2.25	4.25	8.00
CHANTREYLAND: Finest pure a	pricot,	1.00	1.75	3.00	5.75	11.00
CHINESE BLUE: NEW! Fine s	oft blue	1.00	1.50	2.75	5,25	10.00
ILONA: Wine red		1.00	1.50	2.75	5.75	10.00
KING HENRY: NEW. Rich viole	et blue with					
attractive small yellow eye		1.00	1.75	3.25	6.25	12.00
LUTEA SPLENDENSE: Golden	yellow	.75	1,25	2.25	4.25	8.00
Miss HELEN MOUNT: Top petal.	s rich violet					
side petals lavender, bottom p	petal yellow					
penciled black,		.75	1,25	2.25	4.25	8.00
PAPILIO DEEP VIOLET: Real	violet	.75	1.25	2.25	4.25	8.00
PAPILIO LIGHT BLUE: White	center	.75	1.25	2.25	4.25	8.00
IMPROVED SCOTCH BEDDING:	The newest					
bedding hybrids of many color	rs. Large	.75	1.25	2,25	4.25	8.00
WHITE PERFECTION: Large pu	are white	.75	1.25	2.25	4.25	8.00

ANNUAL LARKSPUR SEEDS COCKADE GIANT

This new giant flowering base branching group has proven most valuable to our patrons and many have remarked on the fine returns they bring. This is the originator's — Macdonald — seeds. You'll like these too.

BLUE: Rich lilac blue. CINNABAR: Brilliant rose red.

VIOLET: Rich violet purple.

WHITE: Pure white.
PASTEL SHADES: Soft colors mixed.
SUPERB MIXED: All purpose blend. ROSE: Salmon rose.
SALMON PINK: Very desireable.

SAPPHIRE: Deep lilac.

PRICE PER — $\frac{1}{4}$ -oz. \$.35; 1-oz. \$1.25; 4-ozs. \$4.25 per item.

GIANT IMPERIAL — Base Branching

This is the fine, standard base branching group so widely used for cutting both indoors and in the open. Highly recommended.

BLUE BELL: Clear light blue. BLUE SPIRE: Deep oxford blue. CARMINE KING: Rosy carmine. DAINTINESS: Delicate lavender. MISS EXQUISITE PINK: Soft pink. SWE EXQUISITE ROSE: Rose pink. WHI GLORIA: Deep rose. WHI FLORIST FINE BLEND: Best formula mixed.

LILAC QUEEN: Lilac lavender. LILAC SPIRE: True lilac. LOS ANGELES: Salmon rose. MISS CALIFORNIA: Salmon pink.
SWEET LAVENDER: True lavender.
WHITE KING: Early pure white.
WHITE SPIRE: Standard white.

PRICE OF ANY OF THE ABOVE

Per 1/4 ounce, \$.30; per ounce, \$1.00; per pound \$10.00 Pound price may be applied to not less than 4 ounces of a variety.

BEGONIA SEEDS

Semperflorens - Fiberous Rooted

This stock is the finest obtainable being grown by two of the most successful American specialists. Each variety is valuable to the florist and will produce lots of very fine pot and bedding stock very profitably. This is a group you shouldn't

SEMPERFLORENS TYPES: Bushy and compact with large flowers.

VARIETY	Price per Packet
Bois de Vaux Rose: Compact pyramidal. Green foliage edged re	d\$1.00
Christmas Cheer: Brilliant cherry crimson, bronze foliage	1.00
Christmas Pink: Bright pink, bronzy foliage.	1.00
Coral Prize: Coral rose, green foliage with bronze edge	
Elegance: Large pink, white center. Foliage green.	1.00
Enchantress: Fresh shade of rose, green foliage.	1.00
Erfordia: Dwarf rosy carmine.	1.00
Essen: Scarlet flowers, bronzy foliage.	1.00
Fire Sea: Fiery red, green foliage.	1.00
G. Knaacke: Large salmon pink, green foliage.	1.00
Ile de France: Large snow white, green foliage.	1.00
Kaethe Teicher: Very large carmine, dark green foliage	1.00
King of the Reds: Glowing scarlet, foliage green edged bronze.	1.00
Lucifer: Bright salmon scarlet, green foliage.	1.00
Masterpiece: Large clear pink, green foliage.	1.00
Salmon Queen: Cinnabar red with dark leaves.	1.00
Scandinavia: Very large flowered pink, green leaves.	
Snow: A very fine pure white. Green foliage.	
Vernon: Blood red with dark bronze leaves.	
Winter Romance: Carmine rose with green foliage. Very large.	
Zahringer: Flesh pink edged deep rose, green foliage	1.00
GRACILIS TYPES: More dwarf and compact than the above.	
Adeline: Compact carmine rose.	1.00
Appleblossom: Delicate pink with green foliage.	
Carmen: Rose pink, green-bronze foliage.	
Fire Ball: Fiery crimson.	
Indian Maid: Bright scarlet, reddish bronze foliage.	
Illusion: Rose with white blotch. Green foliage.	
Luminosa: Deep scarlet, bronze foliage.	
Prima Dona: Rose shaded carmine, bronze foliage.	
White Pearl: White with green leaves.	
Snow Queen: Fine new pure white. Large flowers for this type.	
Pot and Podding Mixture: A fine bland of all those types	

QUANTITY DISCOUNT— On orders of five packets or more deduct 10%. Packets contain over 1,000 seeds each.

1.00

FINE CINERARIA SEEDS CALIFORNIA SUPER - GIANTS Howard & Smith's

An outstanding strain of Cineraria hybrida grandifflora nana which produces free flowering plants 12 to 16 inches high. The huge flowers measure from 4 to 6inches across, with single petals 1 to $1\frac{1}{2}$ inches wide. The most outstanding thing about this plant is its basal branching habit and the huge flowers which are in the form of large flat topped clusters. Colors are especially brilliant.

COLORS Originator's seeds only.

BLUE SHADES- Sky blue to ultra-marine, some white zoned.

Pot and Bedding Mixture: A fine blend of all these types. ...

CRIMSON and CARMINE SHADES- Very bright and rich.

SALMON SHADES - Delicate tints from light salmon to pink. NEW ZONAL TYPES- (Novelty) Beautifully zoned and bi-color.

PURE WHITE— From 60 to 70% are true snow white.

SUPERB BLEND- All the above shades and many others.

SEED PRICES: Trade packet - about 500 seeds \$1.00; 3 packets for \$2.75

OTHER VALUABLE CINERARIA

VARIETY Price per 1,000	seeds	1 - 0 Z .	$\frac{1}{10}$ -OZ,
GRANDIFLORA— Semi-dwarf: Finest mixed.	\$1.00	\$2.00	\$7.00
MULTIFLORA— Nana Hybrida: Fine mixed.	1.00	2.00	7.00
BERLIN MARKET: (Potsdam or Weissensee) Rich colors	1.00	1.75	6.00
CRAMER PRIZE— Reselected: A fine blend	1.50	2.50	9.00
SITER'S RAINBOW MIXTURE— A very excellent type.	1.50	2.50	8.00

DELPHINIUM SEEDS

PACIFIC GIANT

Without doubt these are the finest Delphiniums available today. Coming quite true from seeds the flowers are heavily double and stems are tough and willowy. We recommend chilling the seeds at about 34 degrees for 24 hours just before planting as this improves germination.

BLACK KNIGHT - Dark colors of velvety texture.

BLUE BIRD - Mid blue with white bee.

BLUE JAY - A true intense blue.

CAMELIARD - Pure lavender.

GALAHAD -- 'The finest pure white Delphinium available.

GUINEVERE - Light pink-lavender. Very dainty.

KING ARTHUR - Royal violet with white bee.

LANCELOT - Pure lilac with white bee.

ROUND TABLE - A mixture of selected colors. SUMMER SKIES - Clear light blue.

 $\frac{1}{16}$ -oz., \$1.25; $\frac{1}{8}$ -oz., \$2.25; $\frac{1}{4}$ -oz., \$3.75; $\frac{1}{2}$ -oz., \$7.25; 1-oz., \$14.00

Greenhouse Forcing Strain SNAPDRAGON SEEDS

QUANTITY DISCOUNTS— On orders for 5 full size packets you may deduct 10%; 10 to 25 pkts., 15%; 25 pkts. or more 20%. NO DISCOUNT on the 1/4 pkts.

TRIAL PACKETS- (1/4 pkts.) We have for many years supplied these smaller sized packet for the convenience of the small grower or for those wanting to make trials of the newer varieties. We will not sell less than FOUR of these quarter packets in an order and the quantity of seed in the four about equals that of a single standard trade packet.

single standard trade packets			
VARIETY Price per	4 pkt.	Tr. pkt.	$\frac{1}{16}$ -0Z.
Afterglow: Very popular early bronze.	\$.30	\$.75	\$4.00
Bertha Baur: Fine orchid lavender.	.30	.75	4.00
Better Times: (Windmiller) The finest early cerise rose	.50	1,50	
Bronze Christmas Cheer. Bright copper. Very early.	.50	1.50	10.00
Bronze Queen: (Somerset) A fine salmon bronze.	.35	1.00	8.00
Beulah: (Smith) Outstanding rich bronze.	.50	1.50	10.00
Celestial: An excellent bright yellow. Mid-season.	.35	1.00	6.00
Ceylon Court - Standard: Well known early canary yellow.	.30	.75	4.00
Ceylon Court - Dark: Darker yellow than the above	.30	.75	4.00
Cheviot Maid: A fine early pink.	.30	.75	4.00
Cheviot Maid Supreme: Darker than regular Maid. Popular.	.30	.75	4.00
Cheviot Maid Yellow: Very popular early yellow.	.30	.75	4.00
Cheviot Maid White: An excellent commercial white.	.35	1.00	5.00
Christmas Cheer: (Windmiller) A grand early rose pink	.50	1.50	10.00
Daybreak: Vigorous Briarcliff Rose pink, Very good	.30	.75	4.00
Early White: (Schlegel) A vigorous early of fine size	.40	1.25	8.00
Early Yellow: (Schlegel) Quality over a long season	.40	1.25	8.00
Ethel: Bright golden yellow. Fairly early.	.35	1.00	6.00
Glorious: (Frank) Reddish copper, yellow lip. Early.	.35	1.00	7.00
Golden Rod: A large flowered golden yellow. Good	.35	1.00	6.00
Harrold's Red Improved: Deep wine red. Fairly early	.35	1.00	6.00
Jennie Schneider: Color of the Columbia Rose. A fine pink.	.35	1.00	5.00
Judd Early Dark Pink: Very good and quite early.	.35	1.00	6.00
Kirkwood Beauty: A very attractive glowing bronze.	.35	1.00	5.00
Kirkwood Bronze: A very fine orange buff. Early.	.30	.75	4.00
Klondike Supreme: A late flowering deep yellow.	.35	1.00	6.00
La France: (Windmiller) Outstanding satiny pink ruffled.	.40	1.25	8.00
Laurene Harrold: Pink and gold of sunset tints.	.35	1.00	5.00
Lucky Strike: A good and very popular pure white.	.30	.75	4.00
Marie Louise: (Raasch) Strong growing sea shell pink	.50	1.50	10.00
Maryland Pink: Large early pastel pink. Very large	.50	1.50	10.00
Miss Wooster: Early dark bronze of good quality	.35	1.00	6.00
Naomi: Rose pink with light touch yellow. Early & prolific.	.50	1.50	10.00
New Dawn: Fine quality golden orange	.35	1.00	5.00
New Deal: Very early golden orange.	.35	1.00	6.00
Olsen Early Yellow: A fine deep yellow	.35	1.00	5.00
Paper White: (Schlegel) Early glistening paper white	.50	1.50	10.00
Peggy Schumann: An outstanding quality rose pink. Large.	,50	1.50	10.00
Pink Supreme: (Rockwood) A fine cutting pink.	.50	1.50	10.00
Portland Pink: A grand rose pink of early habit	.50	1.50	10.00
Roman Gold: Gold shaded apricot, Fairly early	.35	1.00	5.00
Rose Orange: A new finely colored early sort.	.40	1.25	7.00
Rose Queen: (Witterstaetter) A grand deep rose.	.30	.75	4.00
Sara Lou: (Smith) A very fine commercial yellow.	.50	1.50	10.00
Sonny: Very nice light pink.	.30	.75	4.00
Schumann Yellow: Outstanding large yellow of nice shade.	.50	1.50	10.00
Schrock Orchid: A very useful delicate lavender.	.35	1.00	7.00
Snow White: (Olsen) A very useful florist white.	.35	1.00	8.00
Snow White: (Windmiller) For Easter & Mother's Day	.35	1.00	6.00
St. Louis Early Pink: (Rowe) A quality silver pink.	.35	1.00	8.00
Sun Tan: Extra early orange tan. Very popular.	.30	.75	4.00
Talisman: Bronze double. A fancy retail flower.	.50	1.50	10.00
Terry Surprise. Rich orange shading rose. Good color,	.30	.75	4.00
Velvet Beauty: Rich American Beauty crimson.	.30	.75	4.00
Velvet Supreme: Velvety scarlet-crimson, A warm tone.	.35	1.00	7.00
Westover Fringed White: Fairly early white finely fringed.	.30	.75	6.00
White Rock: An old favorite forcing white.	.30	.75	4.00
White Wonder: A very good early pure white.	.35	1.00	5.00
Yellow Perfection: (Coates) A fine mid-season yellow.	.30	.75	4.00
Yellow Wonder: (Bezdek) Good. Early and free flowering.	.40	1.25	8.00
Florist Cut-Flower Blend: Best cut flower formula	.30	.75	3.00

PRIMULA MALACOIDES

A fine, new, giant flowered strain of much value. Extremely large flowers on heavy stems born well above sturdy, well formed plants. Makes an ideal pot plant.

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DOUBLE CAMEO: NEW, Orchid lavender, Very outstanding	\$1.50	per pl	kt.
DOUBLE FAIRY JEWELS: Rich rose pink.	1.50	per pl	kt.
DOUBLE FIRST LADY: NEW. White with pink tinge.	1.50	per pl	kt.
DOUBLE TWINKLES: Soft flesh pink.	1.50	per pl	kt.
DOUBLE MIXED: A grand blend of useful colors,	1.50	per pl	kt.
SINGLE ENCHANTRESS: Soft salmon rose. Very fine.	1,50	per pl	kt.
SINGLE LAVENDER GLORY: Soft mauve lavender. Very large	1.00	per pl	kt.
SINGLE SNOW FLAKE: Pure white.	1.00	per pl	kt.
SINGLE SWEETHEART: Unique bi-color.	1.50	per pl	kt.
SINGLE MIXTURE: Includes many new shades.	1.00	per pl	kt.
HALF PACKETS of this group will be supplied at 1/2 price	plus 10	0c.	

PRIMULA OBCONICA

PRIMULA, OBCONICA GIGANTEA: The largest flowered of the group with the florets often over $1\frac{1}{2}$ inches across.

VARIETY	Price per trade packet.
WYASTON WONDER: The largest of the ground florets average 2½ inches across in mons BLOOD RED: NEW. Introduced this year. A vel	trous heads \$1.50
not show a trace of blue at any stage of dev	elopment. Very fine 1.50
Blue: Fassbender type. Rose: Fassb	ender type 1.00
Crimson: Mohistein type, Scarlet: Fas	sbender type 1.00
	xed: All colors 1.00

PRIMULA OBCONICA Continued.

PRIMULA OBCONICA GRANDIFLORA: A group having smaller flowers. Very free flowering and a most desirable pot plant group.

Rosea: Mullers type rose.
White: Very useful. Appleblossom: Delicate pink. 1.00 Lavender: A fine shade. 1.00 MIXED: All the above shades with several others, HALF PACKETS of Primula Obconica at $\frac{1}{2}$ price plus 10c.

CUT FLOWER STOCKS DOUBLE GIANTS OF CALIFORNIA

These are the originator's (Macdonald) seeds and they are a valuable improvement over the Improved Bismarck Stocks from which they were bred. Plants are stronger and flowers larger with improved color and doubleness. Also when set close (4 to 6 inches each way) they produce a giant terminal spike equaling the Excelsior Column type. Given more room they develop the usual laterals.

	To come or			
VARIETY Price pe	r ½-oz.	$\frac{1}{4}$ -0z.	$\frac{1}{2}$ -oz.	1-oz.
GOLDEN GATE: Rich yellow,	\$.50	\$1.00	\$1.90	\$3.50
MOJAVE: Royal purple.	.50	1.00	1.90	3.50
MONTEREY: Brilliant pink.		1.00	1.90	3.50
PACIFIC: A very fine blue.		1.00	1.90	3.50
REDWOODS: Best blood red,		1.00	1.90	3.50
SANTA BARBARA: Excellent chamois.	.50	1.00	1.90	3.50
SANTA MARIA: Very fine pure white.	.50	1.00	1.90	3.50
SEQUOIA: Bright rose carmine.		1.00	1.90	3.50
TAHOE: The most desirable shade of lavender	.50	1.00	1.90	3.50
YOSEMITE: Deep clear rose.	.50	1.00	1.90	3.50
FANCY MIXED: All the above colors blended		1.00	1.90	3.50

The New Early Colonial Type

This new race of Stocks is of great value to the florist who wants heavy production of prime flowers over a moderately short period of time. Tall and exclusively base branching they produce no terminal spike but rather 8 or 10 spikes with 30 inch stems. Are two weeks earlier than Perpetual branching. Florets very double and about 2 inch with about 70% doubles. Highly recommended.

VARIETY Price	per	1/8-0Z.	$\frac{1}{4}$ -oz.	$\frac{1}{2}$ -oz.	1-oz.
MAYFLOWER: Fine rose red		\$.75	\$1.50	\$2.75	\$5.00
PRISCILLA: Silvery lavender.		.75	1.50	2.75	5.00
PURITAN: Glowing pure white		.75	1.50	2.75	5.00
ROSE STANDISH: Bright rose		.75	1.50	2.75	5.00
CUT FLOWER BLEND: All the above colors		.75	1.50	2.75	5.00

Croft Easter Lily Bulbs

Finest Forcing Quality

We used to force Lilies in our younger days in the east. We've been here in Soutnern Oregon throughout the entire development period of the Lily industry out here so we know both sides of the industry intimately. Beyond a doubt the Original Croft is still the best of the newer Lilies for pot culture. This is very surely demonstrated by the fact that Crofts are the standard by which the others are evaluated. We are able to supply a modest quantity of the very cream of the S. Ore, crop from the best growing fields. We don't just make a trip in once in the season for inspection but see these throughout the growing to forcer cycle and we believe we can serve you best in service and quality. Deliveries during Oct. and later. Early ordering is advised for the top quality stock will be limited.

	FORCING SIZES	PER 100	PER CASE	No. PER CASE
6	to 7 inch	\$ 45.00	\$135.00	300
7	to 8 inch	55.00	135.00	250
8	to 9 inch	67.50	135.00	200
9	to 10 inch	90.00	135.00	150
10	inch and up	110.00	110.00	100
	PLANTING SIZES	PER 100	PER 1,000	
5	inch planters	\$ 40.00	\$385,00	
4	inch planters	35.00	335.00	
BU	LBLETS, 2 to 4 inch	18.00	175.00	

Fifty of a size supplied at the 100 rate; 500 at the 1,000. Packing free on the case lots and planting stock. Forcers add 5% for packing in broken cases. Forcers F. O. B. Grants Pass; Planting stock prepaid. All bookings subject to crop and filling will be strictly in rotation of receipt of order so early ordering is advised.

TERMS OF SALE

PRICES — All prices are made on a basis of cash with order. No deviation will be made from this rule except where special credit arrangement and usual reference check has been made. SEEDS can be sent C, O. D. and will be so forwarded in all instances where the above rule is not met. Strictly cash with order on all shipments outside the U. S. A. PLANTS AND BULBS ARE NEVER sent on a C. O. D. basis. ALL prices are subject to market changes without notice and all offers are subject to stock being available on receipt of your order.

REMITTANCE — May be by any of the usual commercial methods of transferring funds. The amount must be in United States money, collectable net for the full amount of the order. WE WILL NOT accept postage stamps as any part of remittance. We use metered postage exclusively and stamps are a total loss.

remittance. We use metered postage exclusively and stamps are a total loss.

TRANSPORTATION — SEEDS will be shipped by insured post, prepaid. Free Air Mail delivery may be had on seeds under conditions mentioned in our literature. PLANTS and BULBS are delivered in so far as our responsibility is concerned when accepted by the transportation agency at Grants Pass, Oregon. Thereafter all goods travel as the property of the purchaser. We recommend that all perishable material travel Railway Express and unless instructed differently this material will all be forwarded by that agency.

OUR RESPONSIBILITY — In view of the reasonable prices quoted herein and the varied conditions under which this stock will be grown after leaving our care, it is manifestly impossible for us to guarantee in any manner, cultural or descriptive, the crop resulting from the use of the material listed. Ordering from this list will definitely be construed as your acceptance of these terms as set forth and it is understood that in all cases our liability shall be limited to the actual purchase price paid for any material supplied.

ALL OFFERS ARE MADE SUBJECT TO CROP AND PRIOR SALE.

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